

**REMARKS**

Reconsideration of this application, as amended, is respectfully requested. The following remarks are responsive to the Office Action mailed April 16, 2004.

**Claim Objections**

Claim 1 is objected to because it appears to the Examiner that "a differential circuit" on line 8 should be "a differential current". Accordingly, claim 1 has been amended to change "a differential circuit" to "a differential current" in line 8 of the claim.

**Double Patenting**

The Office Action has advised Applicant that if claim 7 is allowed, claim 10 will be objected to as being a substantial duplicate thereof under 37 CFR 1.75. Accordingly, claim 7 has been canceled.

**Claim Rejections**

Claim 10 is rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, the phrase "said differential voltages" on line one lacks antecedent basis. Accordingly, claim 10 has been amended to not rely on an earlier instance of the term "differential voltages". Therefore it is respectfully submitted by Applicant that claim 10 is now in condition for allowance.

Claims 1-5, 7, 10-16 and 18 are rejected under 35 USC §112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of

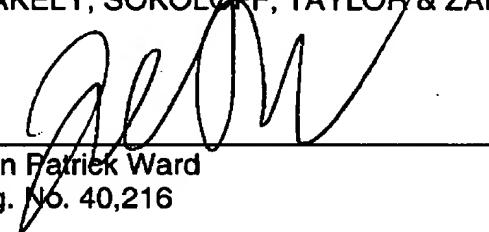
elements, such omissions amounting to a gap between the necessary structural connections. Specifically, the Office Action asserts that claims 1 and 11 do not provide functional/structural/connectional interrelationship between "a plurality of current sources" with other claimed components, as well as a functional/structural/connectional interrelationship between "a resistor" and other claimed components.

Accordingly, claims 1 and 11 have been amended to include "coupled to said conversion circuit" after "a plurality of current sources". Therefore, it is asserted by Applicant that claims 1 and 11 are now in condition for allowance.

It is respectfully asserted by Applicant that all presently standing claims are now in condition for allowance. Please charge any additional fees to our Deposit Account No. 02-2666.

Respectfully submitted,

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